

CDK2AP2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58829**Specification**

CDK2AP2 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	075956
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13101

CDK2AP2 Polyclonal Antibody - Additional Information**Gene ID** 10263**Other Names**

Cyclin-dependent kinase 2-associated protein 2, CDK2-associated protein 2, DOC-1-related protein, DOC-1R, CDK2AP2, DOC1R

Dilution

WB~1:1000<br \>IHC-P~N/A<br \>IHC-F~N/A<br \>IF~1:50~200<br \>E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CDK2AP2 Polyclonal Antibody - Protein Information**Name** CDK2AP2**Synonyms** DOC1R**Function**

Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed: [33283408](http://www.uniprot.org/citations/33283408)). Inhibits cell cycle G1/S phase transition by repressing CDK2 expression and activation; represses CDK2 activation by inhibiting its interaction with cyclin E and A (PubMed: [23781148](http://www.uniprot.org/citations/23781148)). Plays a role in regulating the self-renewal of embryonic stem cells (ESCs) and in maintaining cell survival during terminal differentiation of ESCs (By similarity).

Regulates microtubule organization of metaphase II oocytes (By similarity).

Cellular Location

Cytoplasm. Nucleus Note=Accumulates in immature oocytes in the nucleus. During the first meiotic division, accumulates in the cytoplasm and localizes in dots in the vicinity of the chromosomes in a region enriched in microtubules {ECO:0000250|UniProtKB:Q9CPY4}

Tissue Location

Ubiquitous..

CDK2AP2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CDK2AP2 Polyclonal Antibody - Images